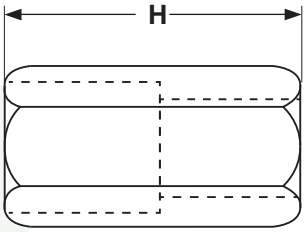
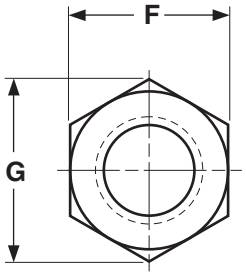
Steel HEX REDUCER COUPLINGS





Hex Reducer Coupling Nuts

Nominal Size and Threads per Inch	Basic Major Diameter of Thread	Opposite Nominal Size and Threads per Inch	Opposite Basic Major Diameter of Thread	F			G		H			Coupling Nut Supply
				Width Across Flats			Width Across Corners		Length			
				Basic	Max	Min	Max	Min	Basic	Max	Min	
3/8-16	0.3750	1/4-20	0.2500	1/2	0.500	0.489	0.577	0.557	1	1.01	0.98	
1/2-13	0.5000	3/8-16	0.3750	5/8	0.625	0.607	0.722	0.692	1-1/4	1.26	1.19	
5/8-11	0.6250	1/2-13	0.5000	13/16	0.813	0.782	0.939	0.891	1-1/4	1.26	1.19	
3/4-10	0.7500	5/8-11	0.6250	1	1.000	0.963	1.155	1.097	1-1/2	1.51	1.44	

LOW CARBON

Description	A double chamfered hex nut with two different internal thread sizes at opposite ends of the nut. The length of the nut is greater than 2.5D where D equals the basic major thread diameter. Also referred to as rod couplings.
Applications/ Advantages	Used to join a larger diameter threaded rod to a smaller diameter threaded rod.
Material	1010 - 1018 or equivalent steel. 12L14 steel is commonly used in domestically manufactured coupling nuts.
Hardness	Rockwell B68 - C32
Proof Load	75,000 psi. minimum
Plating	See Appendix-A for plating information.